US Army Corps of Engineers ®
Rock Island District

Rock Island District

Presented by
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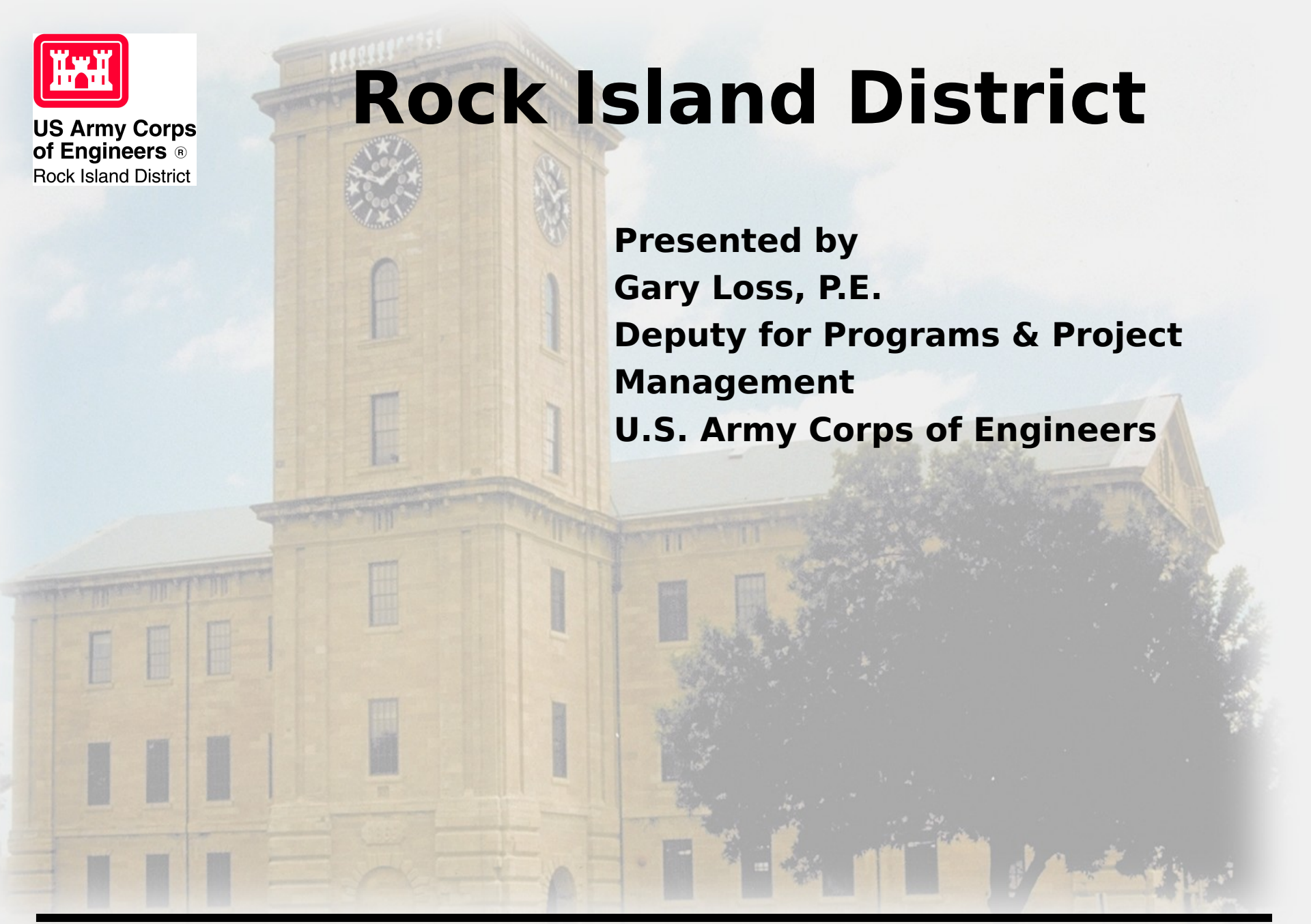
Deputy for Programs & Project Management
U.S. Army Corps of Engineers



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Geographical Boundaries

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Total Budget FY2005 ($000)

General Investigations*	$ 2,514
Construction, General**	46,600
Operations & Maintenance	86,145
Total	$135,259

*Includes Miscellaneous GI Items
**Includes Inland Waterways Trust Fund, Total EMP (3 Districts), and CAP (According to Database)

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General Investigations FY 2005 ($000)

- Davenport, IA $ 156
- Des Moines & Raccoon Rivers 150
- IL River Basin Restoration 400
- IL River at Beardstown 32
- IL River Ecosystem Restoration (PED) 200
- Keith Creek, Rockford, IL 32
- Peoria Riverfront Dev. (PED) 100
- Rock River Basin Ecosystem Restoration, IL 200
- UMR Comprehensive Plan 944
- UMR & IL Navigation Study (Feas) 0
- Miscellaneous 300

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Davenport, IA

- PED Resumption in September 2001
- Problem: Lack of Flood Protection for Downtown Area & Water Treatment Plant

- FY05 Work: Complete Approval Document for PCA
- Total Estimated Cost: $580,000 ($435,000 Fed)
- Completion Date: April 2005

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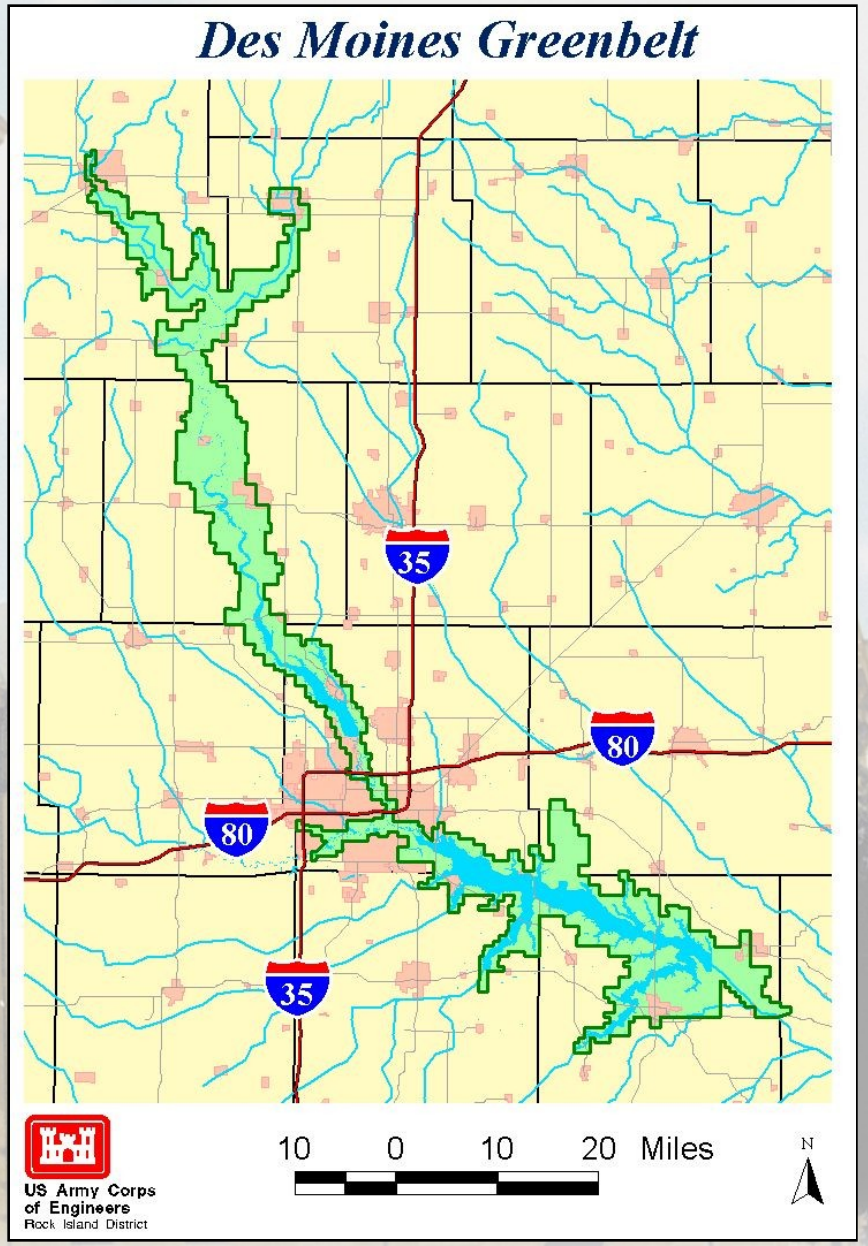
Des Moines Recreational River & Greenbelt



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Des Moines Recreational River & Greenbelt *(continued)*

- **Fort Dodge Riverfront Development & Trails**
- **Des Moines Riverwalk**
- **Marion County Cordova Center on the Rock**

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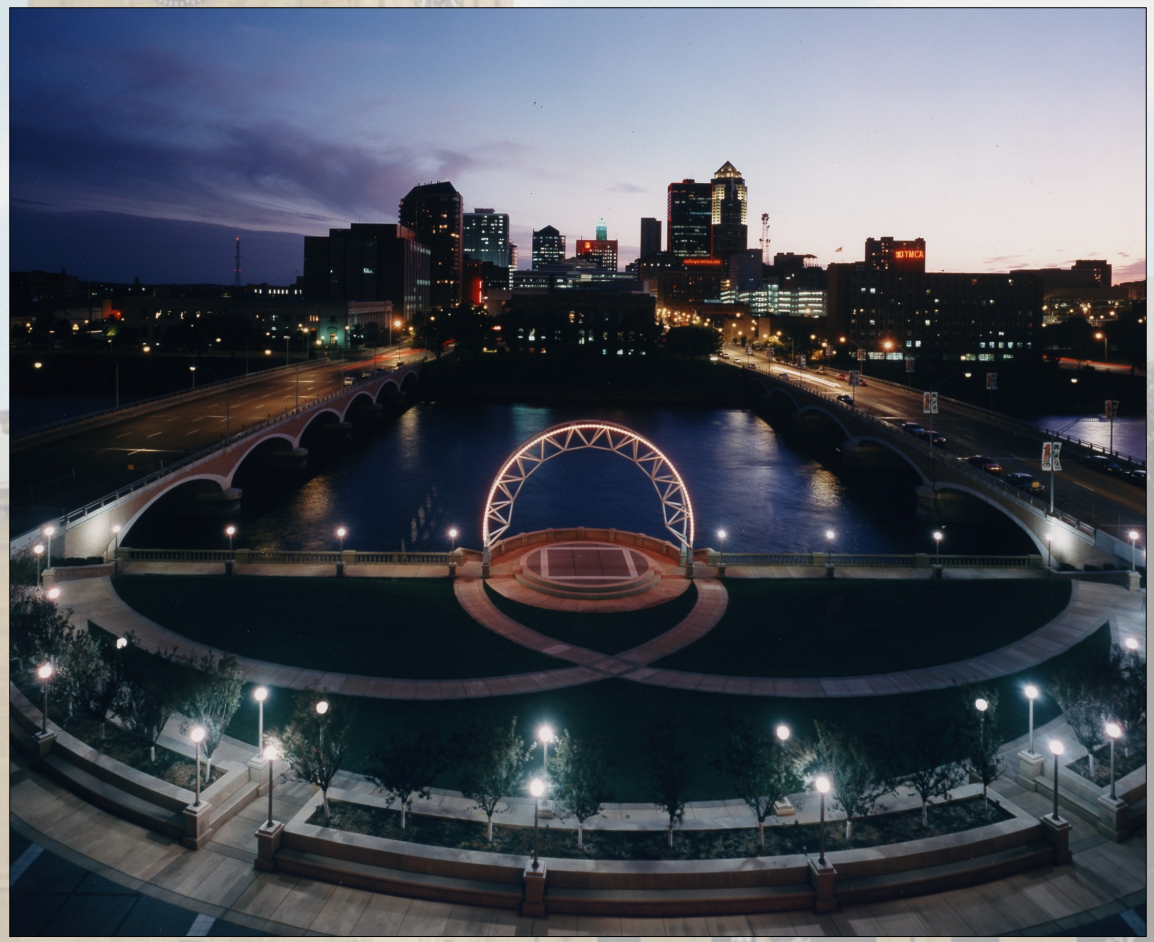
Des Moines Recreational River & Greenbelt *(continued)*



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Des Moines Recreational River & Greenbelt

- **Problem: Need for Development, Operation, & Maintenance of Facilities for Recreation, Bank Protection, & Environmental Restoration**
- **Project: Create Projects for Recreation, Bank Protection, & Environmental Restoration Purposes**

- **FY05 Work: Dollars Could Be Used to Continue Coordination with Greenbelt Advisory Committee for Design, Award & Construction of 4 Projects**
- **Budget Request for FY05: $0**
- **Total Estimated Cost: $57,894,000 ($39,740,000 Fed)**

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Illinois River Basin Restoration (519)

- **Problem: Sedimentation, Altered Hydrology, & Other Effects Have Degraded the Ecosystem**
- **Project: Development of Comprehensive Plan, Evaluation & Implementation of Critical Restoration Projects, & Implementation of Long-Term Monitoring**

- **FY05 Work: Complete Plans & Specs & Implement Critical Restoration Projects & Initiate IL River Basin Monitoring Program**
- **Budget Request for FY05: $400,000**
- **Total Estimated Cost: $9,210,000 ($6,162,000 Fed)**
- **Completion Date: June 2006**

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Illinois River at Beardstown, IL

- **Problem: Reduced River Access**
- **Project: Examine Modifications & Recommendations for Flood Damage Reduction, Navigation, Recreation & Related Water Resource Needs**
- **FY05 Work: Continue Feasibility Study, If Warranted**
- **Budget Request for FY05: $32,000**
- **Total Estimated Cost: $1,750,000 ($925,000 Fed)**
- **Completion Date: August 2004**

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Illinois River Ecosystem Restoration IL

- **Problem: Sedimentation, Altered Hydrology & Other Effects Have Degraded the Ecosystem**
- **Project: Analysis of Potential Restoration Activities for Fish & Wildlife Habitat**

- **FY05 Work: Complete Feasibility**
- **Budget Request for FY05: $200,000**
- **Total Estimated Cost: $5,630,000 ($2,865,000 Fed)**
- **Completion Date: March 2008**

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Keith Creek, Rockford, IL

- **Problem: Recurrent Flooding**
- **Project: Determine If Any Modifications or Recommendations Are Advisable to Address Flood Damage Reduction Measures**

- **FY05 Work: Initiate Feasibility Study, If Found To Be Justified**
- **Budget Request for FY05: $32,000**
- **Total Estimated Cost: $1,410,000 ($755,000 Fed)**
- **Completion Date: September 2009**

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Peoria Riverfront Development, IL

- **Problem: Sedimentation of Peoria Lake**
- **Project: Restoration of Fish & Wildlife Habitat**
- **FY05 Work: Completion of PED**
- **Budget Request for FY05: $100,000**
- **PED Total Estimated Cost: $1,840,000 ($1,380,000 Fed)**
- **PED Completion Date: September 2006**

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Rock River, IL

- **Problem: Preserve Ecosystem Basin**
- **Study: Development of System-Wide Management Plan in Partnership With State & Federal Agencies**

- **FY05 Work: Complete Restoration Needs Assessment & Formulate System Alternatives**
- **Budget Request for FY05: $200,000**
- **Total Estimated Cost: $1,940,000 ($1,020,000 Fed)**
- **Completion Date: September 2006**

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Comprehensive Plan

- **Problem: Region Lacks a Systemic Plan for Flood Damage Reduction**
- **Project: Plan Formulation & Alternative Evaluation**

- **FY05 Work: Complete Alternative Analysis Evaluation**
- **Budget Request for FY05: $944,000**
- **Total Estimated Cost: $5.9 M**
- **Completion Date: December 2007**

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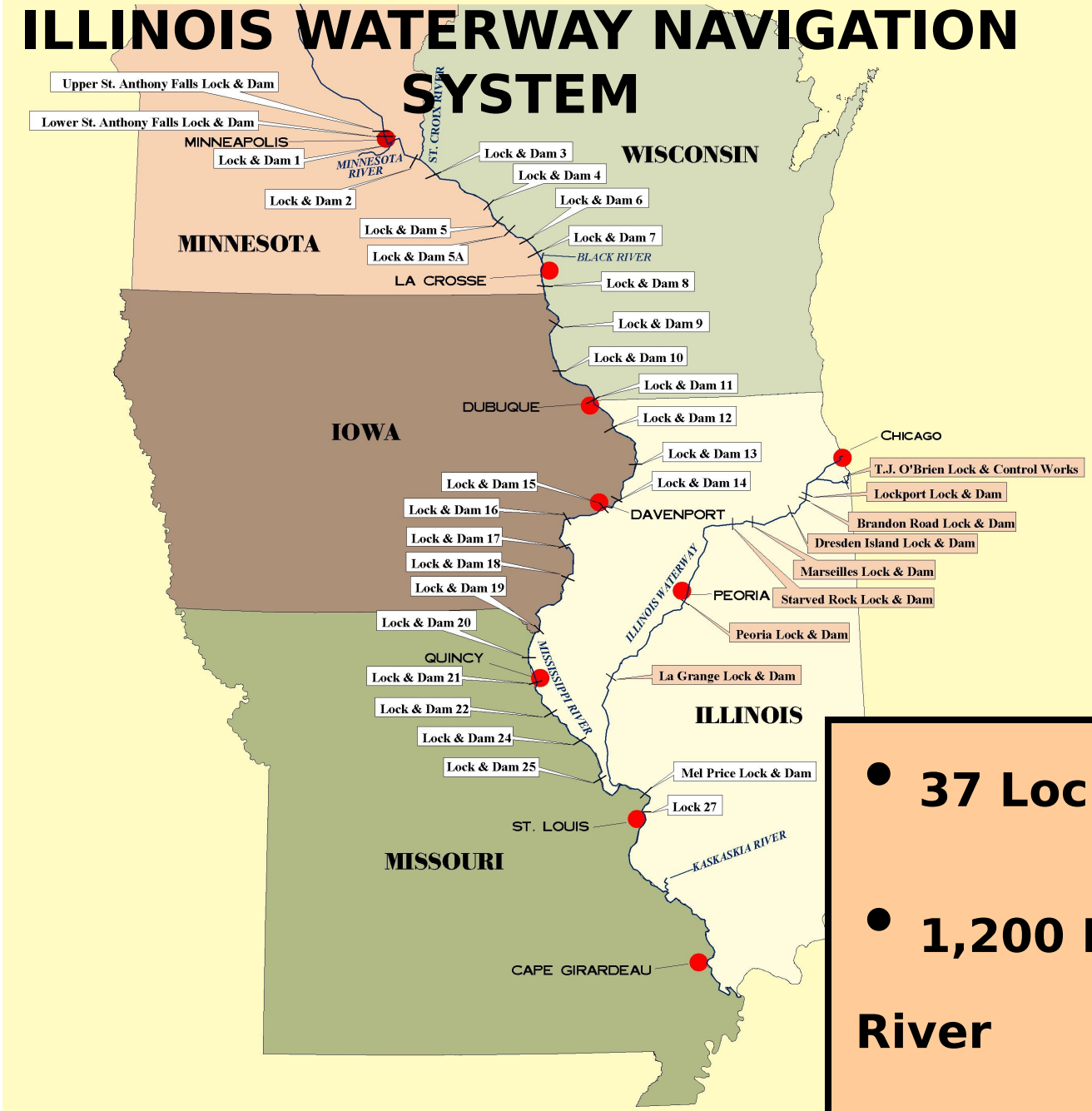
Restructured Navigation Study

- **Scope: Focus on Authorized Federal Navigation Projects and the Ecological and Floodplain Resources That Are Affected by These Projects.**

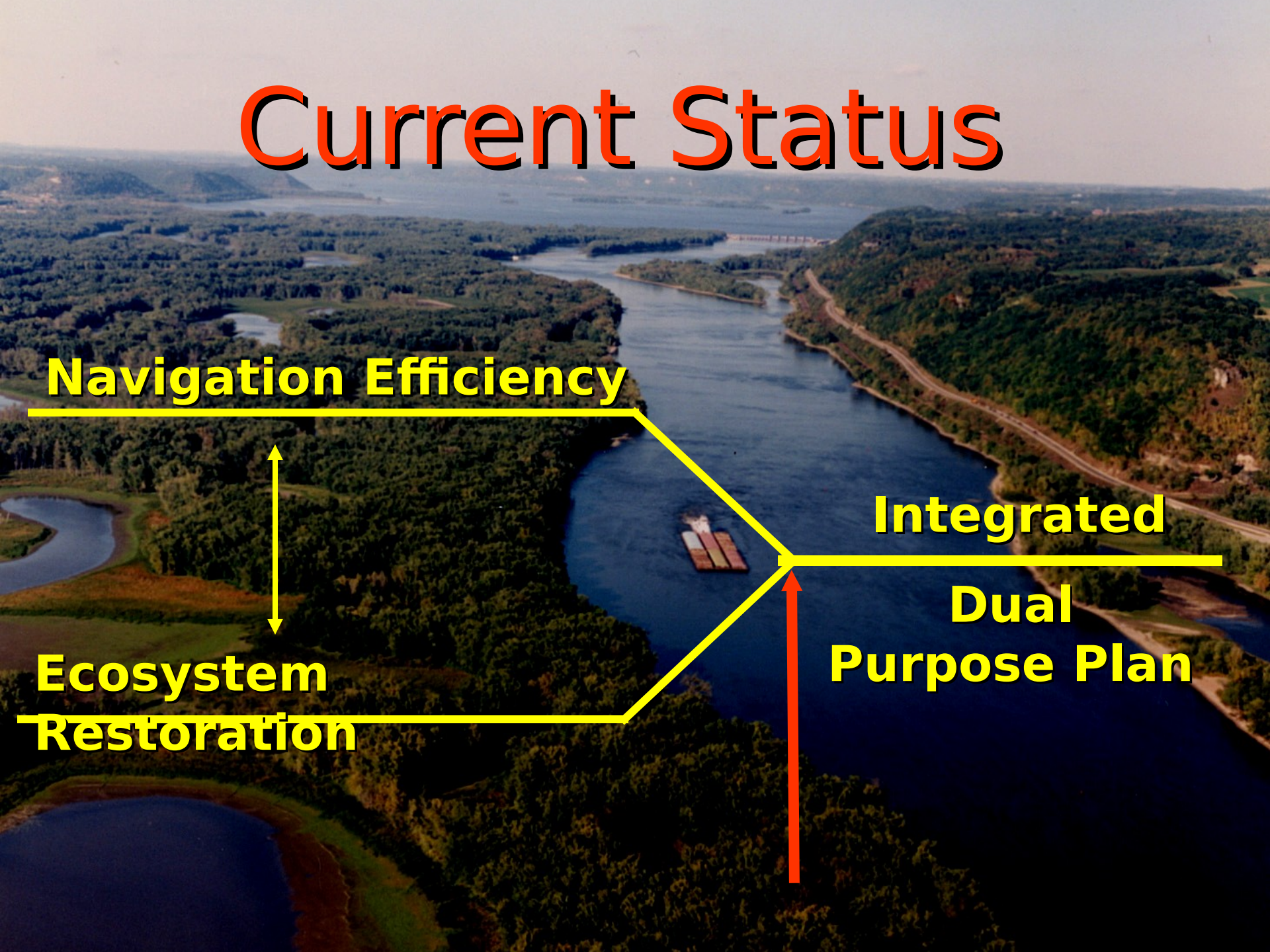
- **Objectives**
  - **Improve Navigation Efficiency.**
  - **Achieve Environmental Sustainable System.**
  - **Address Ecosystem, Floodplain Management Needs Related to Navigation.**

UPPER MISSISSIPPI RIVER – ILLINOIS WATERWAY NAVIGATION SYSTEM



- **37 Lock Sites**
- **1,200 Miles of River**

Current Status



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Navigation Efficiency Draft Tentatively Selected Plan

Approve Conceptual Framework That Blends Alt 4 & 6

Authorize & Implement Alternative 4 at $84 M:

- **Mooring Facilities @ 12, 14, 18, 20, 22, 24 and Lagrange**
- **Switchboats @ 20-25**
- **Initiate Mitigation for Effects Based on Alternative 4**
- **Continue Development and Testing of an Appurtenant Sediment Handling System.**

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Navigation Efficiency Draft Tentatively Selected Plan

Approve Conceptual Framework That Blends Alt 4 & 6

Recommend Approval of Alternative 6 at $2.3 B As a Framework to Include:

- **New 1,200’ Locks at 20-25, LaGrange, Peoria**
- **1,200’ Lock Extensions 14-18**
- **Adaptive Management Concepts**
- **Checkpoints Requiring Congressional Approval**
- **Continued Monitoring of Economic Factors**
- **Initiation of Pre-Construction, Engineering and Design (PED)**

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Ecosystem Restoration Measures

- Island Building
- Fish Passage
- Floodplain Restoration
- Water Level Management
- Backwater Restoration
- Side Channel Restoration
- Wing Dam/Dike Alteration
- Island/Shoreline Protection
- Topographic Diversity
- Dam Point Control

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Ecosystem Restoration Tentative Recommendation

Approve Conceptual Framework of Alternative D* $ 5.3 Billion 50-yr Plan

- **Authorize Initial Incremental (@7-12yrs) Strategy; Develop With Stakeholder**
  - **Best Return on Investment**
  - **Best Gains in Diversity**
  - **Additional Knowledge Required to Guide Future Investments**
- **Additional Implementation Strategies Under Consideration**
- **Programmatic & Project Specific Authority**

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Ecosystem Restoration Tentative Recommendation

**Approve Conceptual Framework of Alternative D*
$ 5.3 Billion 50-yr Plan**

- **Report Back to Committee After 7-12 Yrs**
  - **Assessment of Program**
  - **Recommendations for Modifications**
  - **Potential Further Authorization**
- **Cost Sharing Option C**
  - **100% Federal on Project Lands, NWR, & Other Specific Lands**

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Feasibility Study Schedule

- **Alternative Formulation Briefing** **Feb 04**

  Tentative Recommended Plan Identified

- **Draft Feasibility Report** **Apr 04**
- **Stakeholder & Public Review** **May - Jul 04**
- **Public Meetings** **Jun 04**
- **Final Feasibility Report w/EIS** **Sep 04**
- **NRC Review Final Feasibility Report** **Oct - Nov 04**
- **Chief's Report** **Nov 04**

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Construction, General
FY2005
($000)

EMP (3 District Total)	$28,000
IL River Basin Restoration	0
L&D 11 (MR)	0
L&D 19 (MR)*	4,800
Continuing Authorities**	13,800

* Includes Inland Waterways Trust Fund.
** Requirements According to CAP Database

Iowa Environmental Management Program Projects

Current Projects	Status
Lake Odessa	Feasibility Completion (Sept 04)
	Construction Start (Sched 06 or 07)*
Pool 11 Stage I	Construction Completion (Sept 04)
Pool 11 Stage 2	Construction Start (Sched Aug 04)
Pool 12 Overwintering	Feasibility Completion (Sept 04)
	Construction Start (Sched. July 07)*
Smith Creek	Feasibility Completion (Sched 06)*
	Construction Start (Sched. June 07)*

Additional EMP Projects Being Done by St. Paul District are Conway Lake & Pool Slough.

** Dependent on Funding*

Illinois Environmental Management Program Projects

Current Projects	Status
Banner Marsh	Construction Completion (Dec 03)
Lake Chautauqua	Construction Completion (Dec 03)
Gardner Division	Construction Completion (Sept 05)
Pool 12 Overwintering	Feasibility Completion (Sept 04)
	Construction Start (Sched. July 07)*
Rice Lake	Feasibility Completion (Sept 04)
	Construction Start (Sched. June 07)*

Additional EMP Projects Being Done by St. Louis District are Batchtown, Calhoun Point, Salt Lake/Ft. Chartres, & Stone Dike Alterations.

* ***Dependent on Funding***

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Mississippi River Lock 19

- **Problem: Aging Infrastructure**
- **Project: Rehabilitate the Lock**

- **FY05 Work: Initiate Construction of the Lock Rehabilitation**
- **Budget Request for FY05: $4,800,000**
- **Total Estimated Cost: $21,400,000**
- **Completion Date: September 2007**

Operations & Maintenance

	Prs. Bud. FY04	Work Allow. FY04
MS River (MVR)	44,429	38,596
IL Waterway	25,726	24,063
Coralville Lake, IA	3,037	3,284
Red Rock Lake, IA	3,663	3,750
Saylorville Lake, IA	4,223	3,984

Operations & Maintenance

	Prs. Bud. FY04	Work Allow. FY04	Prs. Bud. FY05
MS River (MVR)	44,429	38,596	42,473
IL Waterway	25,726	24,063	33,273
Coralville Lake, IA	3,037	3,284	2,806
Red Rock Lake, IA	3,663	3,750	3,350
Saylorville Lake, IA	4,223	3,984	3,860

Operations & Maintenance

	Prs. Bud. FY04	Work Allow. FY04	Prs. Bud. FY05	Capab. FY05
MS River (MVR)	44,429	38,596	42,473	53,287
IL Waterway	25,726	24,063	33,273	57,274
Coralville Lake, IA	3,037	3,284	2,806	3,861
Red Rock Lake, IA	3,663	3,750	3,350	4,025
Saylorville Lake, IA	4,223	3,984	3,860	5,224

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Points of Contact

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Rock Island District Website: www.mvr.usace.army.mil

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